

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

THOMAS V. HARRIS ET AL.

Serial No.  
(Docket No. T-6225)

Filed: March 12, 2004

For: MORDENITE ZEOLITE  
ALKYLATION CATALYSTS

GROUP ART UNIT

EXAMINER:

P. O. Box 6006  
San Ramon, CA 94583-0806

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Pursuant to 37 CFR 1.56, 1.97 and 1.98, the documents listed on attached Form PTO-1449 are brought to the Examiner's attention. Copies of the documents listed other than U.S. patents are enclosed.

Respectfully submitted,

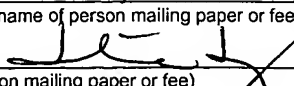


Sarita R. Kelley  
Attorney for Applicants  
Reg. No. 50,850  
(925) 842-1538

SRKelley:jj  
Enclosures

March 12, 2004

"Express Mail" mailing label No. EV 291405445 US  
Date of Deposit March 12, 2004  
I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Address" service under 37 CFR 1.10 on the date indicated above and is addressed to the Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313

J. Jay  
(Typed or printed name of person mailing paper or fee)  
  
(Signature of person mailing paper or fee)

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1 of 3

**Complete if Known**

Application Number	
Filing Date	March 12, 2004
First Named Inventor	THOMAS V. HARRIS
Art Unit	
Examiner Name	
Attorney Docket Number	T-6225

**U.S. PATENT DOCUMENTS**

Examiner Initials *	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code <sup>2</sup> (if known)			
		US - 3,094,383	06/18/1963	Dzierzanowski et al.	
		US - 3,119,660	01/28/1964	Howell et al.	
		US - 3,288,716	11/29/1966	Becraft et al.	
		US - 3,641,177	02/08/1972	Eberly, Jr. et al.	
		US - 3,764,533	10/09/1973	Hunt et al.	
		US - 3,777,006	12/04/1973	Rundell et al.	
		US - 3,929,672	12/30/1975	Ward	
		US - 4,185,040	01/22/1980	Ward et al.	
		US - 4,259,193	03/31/1981	Tirtiaux et al.	
		US - 4,764,295	08/16/1988	Le Coent	
		US - 4,891,448	01/02/1990	Garces et al.	
		US - 5,004,841	04/02/1991	Lee et al.	
		US - 5,112,506	05/12/1992	Marsh et al.	
		US - 5,118,896	06/02/1992	Steigelmann et al.	
		US - 5,175,135	12/29/1992	Lee et al.	
		US - 5,191,135	03/02/1993	Dwyer et al.	

**FOREIGN PATENT DOCUMENTS**

Examiner Initials *	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)				

**DISCLAIMERS:**

This form is being used for the convenience of the patent office. It is not to be construed as an admission by the Applicant(s) that any of the cited references are prior art.

Examiner  
SignatureDate  
Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 2 of 3

**Complete if Known**

Application Number	
Filing Date	March 12, 2004
First Named Inventor	THOMAS V. HARRIS
Art Unit	
Examiner Name	
Attorney Docket Number	T-6225

**U.S. PATENT DOCUMENTS**

Examiner Initials *	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code <sup>2</sup> (if known)			
		US - 5,198,595	03/30/1993	Lee et al.	
		US - 5,243,116	09/07/1993	Lee et al.	
		US - 5,453,553	09/26/1995	Sivasanker et al.	
		US - 5,922,922	07/13/1999	Harris et al.	
		US - 5,939,594	08/17/1999	Le Coent	
		US - 6,031,144	02/29/2000	Campbell et al.	
		US - 6,337,310	01/08/2002	Campbell et al.	
		US - 6,525,234	02/25/2003	Dandekar et al.	
		US -			
		US -			
		US -			
		US -			
		US -			
		US -			
		US -			
		US -			
		US -			

**FOREIGN PATENT DOCUMENTS**

Examiner Initials *	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)				

**DISCLAIMERS:**

This form is being used for the convenience of the patent office. It is not to be construed as an admission by the Applicant(s) that any of the cited references are prior art.

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Substitute for form 1449B/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet

3

of

3

**Complete if Known**

Application Number

Filing Date

March 12, 2004

First Named Inventor

THOMAS V. HARRIS

Art Unit

Examiner Name

Attorney Docket Number

T-6225

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		S. SIVASANKER, A. THANGARAJ, "Distribution of Isomers in the Alkylation of Benzene with Long-Chain Olefins over Solid Acid Catalysts", <i>Journal of Catalysis</i> , 138, 386-390 (1992).	

**DISCLAIMERS:**

This form is being used for the convenience of the patent office. It is not to be construed as an admission by the Applicant(s) that any of the cited references are prior art.

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.